

Profile EURO 92 - 3/333/45 FOR ROOFING

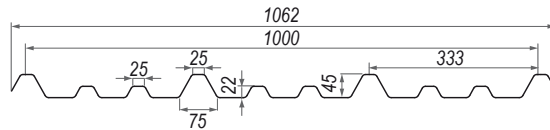
Product

Total width (mm)

Useful width (mm)

EURO 92

1062



1000

Specifications

Ranges	RENOLIT ONDEX HR under DTA
Nominal thickness (mm)	1.2
Material	High resistance bi-stretched PVC
Compatibility	EURO 92
Fire classification (EN 13501-1)	B s1 d0
Colours	Translucent DIFFU100 - Ivory diffusant - Opaque white - Opaque grey
Suitable temperature range	-40°C to + 65°C
Maximum sheet length	12 m
Bend radius	9 m
Minimum width of the bearing surface	Steel purlin : 40 mm - Wood purlin : 60 mm
Minimum slope (DTA)	Without overlapping : 7 % With overlapping : ≥ 10 %
Maximum gap between purlins	1.5 m (see snow downloads and wind uploads table)
Overlaps between sheets	from 200 to 300 mm (see drawing)
Waterproofness seal - DTU 40.35 (crosswise and longitudinal)	With a clear colour flexible butyl seal thickness 3 mm Mandatory with a <20 % slope (French technical agreement DTU 40.35) Installed on the support to +/- 3cm below the fixing line, in discontinuous with baffles to allow any internal condensation to escape.

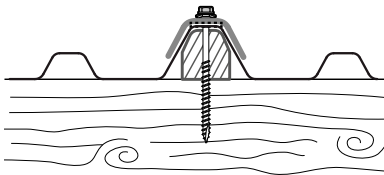
Cutting and drilling of sheets

Cutting tool	Standard type fine tooth saw
Compulsory pre-drilling of sheets	Ø 10 mm / conical or centre drill used at medium speed (for a clean drilling)

Fastening

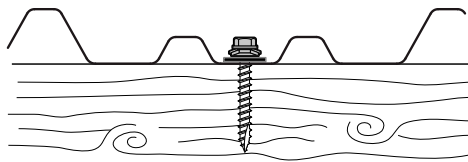
1 On the top of the large ribs

- Self drilling and self tapping screw diam. 6 to 7 mm
- Length : 100 mm for timber support
- Length : 70 mm for metal
- according to environment (corrosive atmosphere)
- Metal washer with neoprene seal or saddle + washer.
- Spacer with a suitable height for the profile



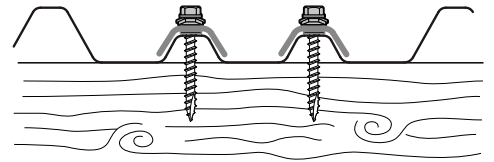
2 On the troughs of the small ribs

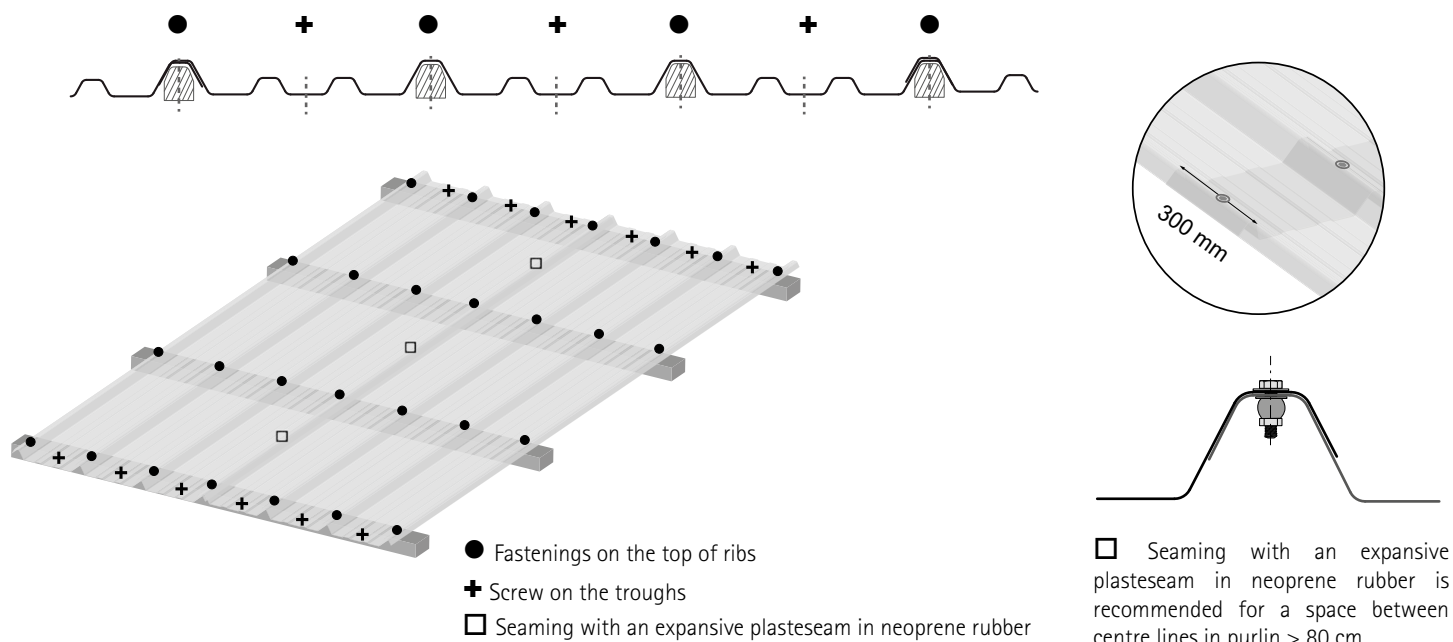
- (at the bottom or at the top of the roof)
- Self drilling screw 50 mm for timber support
 - Self tapping screw 25 mm for metal
 - Vulcanised washer ø 16 to 20 mm



3 Overlapping between sheets

- Self drilling screw 70 mm for timber support
- Self tapping screw 50 mm for metal
- Saddle + Washer





Recommended gap between purlins (m) – In accordance with the French regulations NV65

Snow		Downward loads snow pressure (daN/m ²)				1/200 ^e
Range	40	60	80	100	120	
HR	1.50	1.35	1.25	1.15	1.05	

Wind		Upward loads winds depression (daN/m ²)				1/100 ^e
Range	40	60	80	100	120	
HR	1.50	1.50	1.40	1.35	1.25	

CAUTION

→ FOR COUNTRIES OTHER THAN FRANCE: check the admissible loads according to the calculated spans and applicable regulatory standards in the country in which the building will be constructed.

→ This synoptic data sheet is not intended to replace a more technical documentation or technical certification with installing instructions. For further information, please contact our technical support on +33 3 80 46 80 52 or our sales manager.

→ 1200 joules method of installation: 300 mm overlapping and mandatory additional fastening

<p>PVC 100 % recyclable product</p>	<p>Protect the sheets from sunlight, wind and rain with an opaque white polyethylene tarpaulin during storage and throughout the installation</p>	<p>Do not use with insulating materials with translucent DIFFU100 sheets</p>	<p>With translucent DIFFU100 sheets, dark supports must be painted in white. This prevents overheating</p>	<p>Do not step directly on the sheets</p>
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